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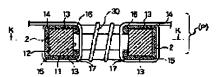
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(54) ELECTRONIC PART MAGNETIC CORE

(57)Abstract:

PURPOSE: To obtain an electronic part magnetic core which is low in cost and electrically insulated from a conductive wire wound on it by a method wherein a protrudent insulator of resin or the like is provided to each of ridgeline regions which protrude outwards.

CONSTITUTION: A magnetic core is formed like a ring, an outer peripheral part 12 and a side peripheral part 13 other than a part where the magnetic core is exposed in the inner peripheral region 11 of the magnetic core are covered with a resin lawyer 2, whereby ridgeline regions 14 to 17 are covered enough with the resin layer 2. Furthermore, rugged resin material of roughness 10 to $100 \, \mu$ m is formed on the outer surface of the resin layer 2. By this setup, a winding wire is markedly enhanced in electrical insulation properties to a magnetic core, and an electronic part where a winding wire is free from disconnection and high in reliability can be obtained.



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